

TIMOSHENKO, I.V.; PAVLYUKOVA, G.V.; BORISOV, A.F.; SUSLOVA, I.A.; CHERNINA, L.L.

Using vibration to improve the quality of electrocast refractories.
(MIRA 18:1)
Ogneupory 29 no.11:496-499 '64.

1. Saratovskiy filial Nauchno-issledovatel'skogo instituta stekla.

SUSLOVA, Kapitolina Dmitriyevna, doyarka; MUSATOV, V., red.; PAVLOVA, S.,
tekhn.red.

[About our life and work] O nashei zhizni, o nashem trude. Moskva,
Mosk.rabochii, 1961. 18 p. (MIRA 14:6)

1. Kolkhoz imeni Michurina Stupinskogo rayona (for Suslova).
(Stupino District—Dairying)

L 08266-67	EWT(1)/EWT(m)	SCTB	DD/GD
ACC NR: AT6026403			SOURCE CODE: UR/0000/66/000/000/0039/0039
AUTHOR: Arlashchenko, N. I.; Suslova, L. N.; Kvaenikova, I. N.			
ORG: none			
TITLE: Materials on pharmacological protection of the vestibular analyzer during exposure to radiation [Paper presented at the Conference on Problems of Space Medicine held in Moscow from 24 to 27 May 1966]			
SOURCE: Konferentsiya po problemam kosmicheskoy meditsiny, 1966. Problemy kosmicheskoy meditsiny. (Problems of space medicine); materialy konferentsii, Moscow, 1966, 39			
TOPIC TAGS: radiation protection, space pharmacology, vestibular analyzer, cosmic radiation, biologic effect, nystagmus, radiation tolerance			
ABSTRACT: The importance of protecting the vestibular analyzer from adverse spaceflight effects can scarcely be overemphasized, since impaired vestibular function can prevent the successful completion of a spaceflight program. Development of methods for quantitative estimation of vestibular function made it possible to find discrepancies in vestibular reactions after various types of radiation influence on the animal organism. Deviations from the norm in vestibulograms were expressed in lowered labyrinth sensitivity to an adequate stimulus, and in decreased vestibular reactivity. Experiments were conducted to study the nystagmic reaction and the vestib-			
Card 1/2			

L 08266-67

ACC NR: AT6036483

ular-autonomic respiratory reaction of healthy and irradiated rabbits after the introduction of a prophylactic mixture of vitamins and amino-acids, and Aminazine (which prevents the occurrence of initial radiation reactions). The preparations used not only increased vestibular tolerance in response to an adequate stimulus, but also promoted more rapid normalization of vestibular reactions in response to ionizing radiation. [W.A. No. 22; ATD Report 66-116]

SUB CODE: 06, 18 / SUBM DATE: 00May66

Card 2/2 e9/k

MAYOROV, F.P.; SUSLOVA, M.M.

Studies on experimental speech regression in hypnosis. Zh. vysshei
nerv. deiat. Pavlova 1 no.4:479-484 July-Aug 1951. (CIML 23:2)

1. Laboratory of the Physiology and Pathology of Higher Nervous Activity
of the Institute of Physiology imeni I. P. Pavlov, Academy of Sciences
USSR.

KOROTKIN, I. I.; SUSLOVA, M. M.

Higher nervous function test in somnambulic phase of hypnosis. Zh.
vysshei nerv. deliat. Pavlova 1 no. 4:617-622 July-Aug 1951. (CLML 23:2)

I. Laboratory of the Physiology and Pathology of Higher Nervous Activity,
Institute of Physiology imeni I. P. Pavlov, Academy of Sciences USSR.

Singletary, M. J.
MAYOROV, F.P.; SUSLOVA, M.M.

Studies on speech regression in motor aphasia. Zh. vyshei nerv. deiat. 1 no. 5:660-666 Sept-Oct 1951. (CLML 23:3)

1. Laboratory of the Physiology and Pathology of Higher Nervous Activity of the Institute of Physiology imeni I. P. Pavlov of the Academy of Sciences USSR.

SUSLOVA, M. M. and MAYOROV, F. P.

"Hypnotic Experiments With Suggested Ages," Trudy Int. fiziol. im.
Pavlov, No.1, pp 290-295, 1952

Lab. of Physiology and Pathology of Higher Nervous Activity

Translation No. 493, 5 Dec 55

SUSLOVA, M. M.

"Research on the Efficiency of the Cortex of the Large Hemispheres in the Somnambulistic Phase of Hypnosis," Trudy Inst. fiziolog. im. Pavlov, No.1, pp. 296-302, 1952. and Report No.2, pp 303-315.

Laboratory of Physiology and Pathology of Higher Nervous Activity.

Translation No. 493, 5 Dec 55

SUBLOVA, N.N., MAYOROV, F.P., zavoduyushchiy.

Investigation of the functional capacity of the cerebral cortex during the somnambulant phase of hypnosis. Second report. Trudy Inst.fisiol. 1:303-315
'52. (MLR 6:8)

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti.
(Hypnotism) (Brain)

KOROTKIN, I.I.; SUSLOVA, M.M.

Investigation of the higher nervous function during the somnambulant phase of hypnosis at various depths of hypnotic sleep. *Fiziol. zhur.* 39 no.4:423-431 Jl-Ag '53. (MLRA 6:8)

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti Instituta fiziologii imeni I.P. Pavlova Akademii nauk SSSR.
(Hypnosis) (Nervous system)

KOROTKIN, I.I.; SUSLOVA, M.M.

Some characteristics of the correlation of the signal systems,
in hypnosis and in the posthypnotic state. Zhur.vyssh. nerv.
deiat. 5 no.4:511-519 Jl-Ag '55. (MLRA 8:11)

1. Laboratoriya fiziologii i patologii vysshoy nervnoy deyatel'-
nosti Instituta fiziologii im. I.P.Pavlova Akademii nauk SSSR.
(HYPNOSIS,
cerebral cortex signal systems in)
(CEREBRAL CORTEX, physiology,
signal systems in hypnosis)

KOROTKIN, I.I.; SUSLOVA, M.M.

Data on the neural mechanism of posthypnotic conditions in hysteria.
Zhur. vys. nerv. deiat. 5 no.5:697-707 S-0 '55. (MLRA 9:1)

1. Laboratoriya fiziologii i patologii vysshykh nervnoi deyatelnosti
Instituta fiziologii im. I.P. Pavlova Akademii nauk SSSR.

(HYSTERIA, therapy,

hypnosis, eff. on higher nervous funct.)

(CENTRAL NERVOUS SYSTEM, in various diseases,

hysteria, eff. of hypnosis on higher nervous funct.)

(HYPNOSIS, therapeutic use,

hysteria, eff. on higher nervous funct.)

<u>Suslova, M. M.</u>				
USSR/ Medicine - Physiology				
Card 1/1	Pub. 22 - 47/49			
Authors :	Korotkin, I. I., and Suslova, M. M.			
Title :	About the physiological mechanism of the inhibiting effect of stimuli forcefully eliminated during hypnosis			
Periodical :	Dok. AN SSSR 102/1, 189-192, May 1, 1955			
Abstract :	The higher nervous activities of humans were investigated during the hypnotic and post hypnotic state to determine the physiological mechanism of the inhibiting effect of stimuli forcefully eliminated during the state of hypnosis. Results obtained are described. One USSR reference (1949). Graphs.			
Institution :	Acad. of Sc., USSR, Inst. of Physiology im. I. P. Pavlov			
Presented by :	Academician K. M. Bykov, January 15, 1955			

KOROTKIN, I.I., SUSLOVA, M.M.

Investigation of the nerve mechanism engaged in hypnotic suggestions. Dokl. AN SSSR 105 no.2:384-386 '55. (MLRA 9:3)

1. Institut fiziologii imeni I.P. Pavlova Akademii nauk SSSR.
Predstavлено академиком К.М. Быковым.
(HYPNOTISM)

SUSLOVA, M.M.

Effect of the depth of hypnotic sleep on the functional ability of
the cerebral cortex. Trudy Inst.fiziol. 5:259-261 '56. (MLRA 10:1)

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti
Zaveduyushchiy - F.P.Mayorov.
(CEREBRAL CORTEX) (HYPNOTISM)

KOROTKIN, I.I.; SUSLOVA, M.M.

Changes in conditioned and unconditioned reflexes during suggestive states in hypnotism. Trudy Inst.fiziolog. 5:267-277 '56. (MIRA 10:1)

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti
Zavoduyushchiy - F.P. Mayorov.

(HYPNOTISM) (REFLEXES) (CONDITIONED RESPONSE)

KOROTKIN, I.I.; SUSLOVA, M.M.

Changes in the higher nervous activity in hypnosis with verbal opposition to a conditioned stimulus. Trudy Inst.fiziol. 5:278-287 '56. (MIRA 10:1)

1. Laboratoriya fiziologii i patologii vyschey nervnoy deyatel'nosti. Zaveduyushchiy - F.P. Mayorov.
(HYPNOTISM) (CONDITIONED RESPONSE)

KOROTKIN, I.I.; SUSLOVA, M.M.

Changes in the higher nervous activity in hypnosis with verbal opposition to an unconditioned stimulus. Trudy Inst.fiziol. 5: 288-298 '56. (MLBA 10:1)

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'-nosti. Zaveduyushchiy - F.P. Mayorov.
(HYPNOTISM) (NERVOUS SYSTEM) (REFLEXES)

KOROTKIN, I. I.; SUSLOVA, M. M.

Modification of conditioned and unconditioned reflexes following suggestion during the second phase of hypnosis. Zhur.vys.nerv.deiat. 6 no.3:370-377 My-Je '56. (MLRA 9:11)

1. Laboratoriya fiziologii i patologii vysshoy nervnoy deyatel'nosti instituta fiziologii im. I.P.Pavlova Akademii nauk SSSR.

(REFLEX,

unconditioned, eff. of suggestion in second phase of hypnosis (Bus))

(REFLEX, CONDITIONED,

eff. of suggestion in second phase of hypnosis (Bus))

(HYPNOSIS,

conditioned & unconditioned reflexes after suggestion in second phase of hypnosis (Bus))

KOROTKIN I.I.
EXCERPTA MEDICA

SUSLOVA M.M.

Sec.8 Vol.10/12 Neurology,etc. Dec57

5292. KOROTKIN I.I. and SUSLOVA M.M. *The changes in the conditioned and unconditioned reflexes after suggestion in the second phase of hypnosis (Russian text) Z.VYSC NERV.DEJATEL. 1956, 6/8 (370-377) Graphs 14

The results of investigations into the changes in higher nerve activity during post-hypnotic conditions following the second phase of hypnosis are reported. Investigations with conditioned and unconditioned reflexes were made in 12 hysterical patients and 1 normal subject, in whom positive inhibitory reflexes were provisionally formed. Changes in conditioned and unconditioned reflexes were found to be considerably less marked during the second hypnotic phase than during the somnambulist phase. As a result of radiation of the cortical process from unconditioned to conditioned reflexes the changes in the latter were more rapid than in the former. A characteristic feature was the predominance of inhibitory radiation over concentration. The effect of suggestion on the signalling systems was irregular, suggestion predominating in the first signalling system due to insufficient inhibition of the second signalling system. The physiological mechanism is identical with that involved in somnambulism, which is based on the chronological connection with the subsequent conditioned reflex.

Dimitrijevic - Serajewo (VIII, 2)

KOROTKIN, I.I.; SUSLOVA, M.M.

Investigating posthypnotic change in conditioned and unconditioned reflexes resulting from suggestion during the first phase of hypnosis [with summary in English]. Zhur.vys.nerv.deist. 7 no.6:889-897
(MIRA 11:2)
N-D '57.

1. Laboratoriya fiziologii i patologii vysshykh nervnykh deyatel'nostei
Instituta fiziologii im. I.P.Pavlova Akademii nauk SSSR.

(SUGGESTION, effects,
on conditioned & unconditioned reflexes after hypnosis
(Rus))

(REFLEX, CONDITIONED,
eff. of suggestion on post-hypnotic reflex action (Rus))

(REFLEX,
unconditioned, eff. of suggestion on post-hypnotic
activity (Rus))

SUSLOVA, M.M.

Study of suggested ages in hypnosis. Trudy Inst. fiziol. 7:250-259
1958. (MIRA 12:3)

1. Laboratoriya fiziologii i patologii vysshy nervnoy deyatel'nosti
(zav. - F.P. Mayorov) Instituta fiziologii im. I.P. Pavlova AN SSSR.
(HYPNOTISM) (AGE PSYCHOLOGY)

KOROTKIN, I.I.; SUSLOVA, M.M.

Localization of conditioned inhibition during hypnotic suggestion.
Nauch. soob. Inst. fiziolog. AN SSSR no.1:35-37 '59 (MIRA 14:10)

1. Laboratoriya fiziollogii i patologii vysshey nervnoy deyatel'nosti
(zav. - F.P. Mayorov) Instituta fiziologii imeni Pavlova AN SSSR.
(CONDITIONED RESPONSE) (HYPNOTISM)
(BRAIN--LOCALIZATION OF FUNCTIONS)

KOROTKIN, I.I.; SUSLOVA, M.M.

Dynamics of cortical processes in suggestion for a given period.
Trudy Inst.fizioli. 8:51-59 '59. (MIRA 13:5)

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti (zaveduyushchiy - F.P. Mayorov) Instituta fiziologii im. I.P. Pavlova AN SSSR.
(MENTAL SUGGESTION)

KOROTKIN, I.I.; SUSLOVA, M.M.

Localization of conditioned inhibition during suggestion in hypnosis. Report No.1: Localization of conditioned inhibition beyond the range of the cortical center of conditioned stimulation. Trudy Inst. fiziolog. 10:41-50 '62 (MIRA 17:3)

Localization of conditioned inhibition during suggestion in hypnosis. Report no.2: Irradiation of inhibition toward the cortical center of conditioned stimulation. Ibid.:51-62

1 . Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti (zav. - F.P.Mayorov) Instituta fiziologii imeni Pavlova AN SSSR.

SEAL'DYBINA, Ye. N., dets.: TIKHONOV, G. K.; LIVOVVA, K. A.;
SUSLOVA, N. M.

[Manual on practical exercises in histology and the
principles of embryology; for regular apt correspondence
students of the departments of biology and geography of
pedagogical institutes] Rukovodstvo k prakticheskim za-
niciam po histologii s osnovami embriologii; dlia stu-
dentov tschnogo i zashchnogo otdelenii biologo-geografi-
cheskikh fakul'tetov pedagogicheskikh institutov. Gor'kii,
1962. 105 p. (MIRA 18:1)

1. Gorkiy. Gosudarstvennyy pedagogicheskiy institut. Ka-
fedra zoologii.

KOBORIKIN, I. I.; BUNIGA, M.M.

Material of further study of the dynamic localization of conditioned inhibition induced by suggestion in hypnosis. Zhur. vys. nerv. deiat., 15 no. 1:52-60 (a-f) '65.

I. laboratoriya fiziologii i eksperimental'noy patologii vysshey nervnyy dejatel'nosti Instituta fiziologii im. I.P. Pavlova AN SSSR.

S 6 0 1. 0 4 1 2 7 - R
EL'BERT, B.Ya., professor, zasluzhennyy deyatel' nauki; RUBINSHTEYN, I.S.,
dotsent; SAKOVICH, A.O., dotsent; VILENCHIK G.Yu., kandidat
meditsinskikh nauk; GUREVICH, G.TS., kandidat meditsinskikh nauk;
IZRAITEL', N.A., kandidat meditsinskikh nauk; KNIGA, A.N.,
kandidat meditsinskikh nauk; LEVINA, P.I., kandidat meditsinskikh
nauk; MARCENKO, L.O., kandidat meditsinskikh nauk; RABINOVICH,
Ye.M., kandidat meditsinskikh nauk; RUBINSHTEYN, B.B., kandidat
meditsinskikh nauk; SAMOKHINA, Z.F., kandidat meditsinskikh
nauk; KRASIL'NIKOV, A.P., kandidat meditsinskikh nauk; ZMUSHKO,
L.S., nauchnyy sotrudnik; NISENBAUM, I.M., nauchnyy sotrudnik;
SOLOV'YANCHIK, S.I., nauchnyy sotrudnik; SUSLOVA, M.N., nauchnyy
sotrudnik; POL'SKIY, S., redaktor; KUFTINA, P., tekhnicheskiy
redaktor; KALECHITS, G., tekhnicheskiy redaktor.

[Practical manual on medical microbiology and bacteriological
methods of sanitation research] Prakticheskoe posobie po medi-
tsinskoi mikrobiologii i sanitarno-bakteriologicheskim metodam
issledovaniia. Minsk, Gos.izd-vo BSSR, Redaktsiia nauchno-tekhn.
lit-ry, 1957. 356 p.
(MLRA 10:6)
(MICROBIOLOGY)

SUSLOVA, M.N.

Laboratory diagnosis and antibiotic therapy in scleroma. Zdrav. Belor.
5 no.2:19-22 F '59. (MIRA 12:7)

l. Kafedra mikrobiologii (zav. - prof. B.Ya El'bert) Minskogo medit-
sinskogo instituta.
(RHINOSCEROMA) (ANTIBIOTICS)

ZUYEVA, Z.; GALIMON, L.; SUSLOVA, N.

State Bank control over housing construction carried out economically.
Den. i kred. 16 no. 7:50-54 Jl '58. (MIRA 11:7)
(Construction industry--Finance)

PRIYMAK, A.K., doktor sel'skokhozyaystvennykh nauk; SUSLOVA, N.A., Starshiy nauchnyy sotrudnik

Effect of mineral fertilizers on the microflora and humus content of soil under fruit trees. Agrobiologiya no. 3:142-143 My-Je '58.
(MIRA 11:7)

1. Krasnodarskaya plodovo-vinogradnaya optytnaya stantsiya
(Fertilizers and manures)
(Soil micro-organisms)
(Fruit culture)

9.6170
9.9600

85914

S/169/60/000/010/009/013
A005/A001

Translation from: Referativnyy zhurnal, Geofizika, 1960, No. 10, p. 193, # 13042

AUTHOR: Suslova, N.N.

TITLE: Altitudes and Speeds of Meteors

PERIODICAL: Byul. In-ta astrofiz. AN TadzhSSR, 1958 (1959), No. 25, pp. 15-18

TEXT: The dependence of the altitudes of appearance and disappearance of meteors on their geocentric speeds v_g was studied on the basis of data on 73 meteors photographed at Stalinabad, and 144 meteors detected by the Harvard Observatory. The distribution of the altitudes according to the speeds, which was obtained for the Harvard- and Stalinabad-meteors, is presented in tables and graphs, separately and for all meteors together. The general decrease in altitudes with decreasing speed was stated. The minimum of the altitude distribution curve is noted at about $v_g = 35$ km/sec.

S.V. Mayeva

Translator's note: This is the full translation of the original Russian abstract.

Card 1/1

USSR/Microbiology - Medical and Veterinary Microbiology

F-4

Abs Jour : Referat Zhurn - Biol., No 16, 25 Aug 1957, 68620

confined women. Most bacteria excretors belong to this group. The frequency of detection of dysentery bacteria excretion in pregnant women is 3.7%, in women in confinement, 9.94%. The excretion of dysentery bacilli among pregnant and confined women investigated was observed 4-5 times oftener than among normal ones. In bacteriological investigation of surgical and therapeutic patients predominately with diseases of digestive organs, patients with infectious hepatitis also manifested a large number of excretors of dysentery bacilli. The frequency of detection of carriers was least in May and sharply increased in September. The majority of isolated types belongs to the type of Flexner bacteria (89.1%), 9.2% to Newcastle and 1.7% to Sonne. The authors consider that for the purpose of exposure of dysentery bacteria carriers, a triple inspection in infectious disease departments of hospitals should be made for dysentery

Card 2/3

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USSR/Medicine - Roentgenology	SUSLOVA, O. Ya.	FD 215
Card 1/1		
Author	: Suslova, O. Ya., Candidate Medical Sciences	
Title	: Differential X-ray diagnosis of advanced fibrous osteodystrophy	
Periodical	: Vest. Rent. i Rad. 49-56, Mar/Apr 1954	
Abstract	: The first X-ray symptom of advanced fibrous osteodystrophy is a systemic osteoporosis. Cysts and large celled tumors are also observed. This disease occurs most frequently in the femoral, pelvic and shoulder bones. Other symptoms of the disease are described. Tables; drawings. Thirteen references.	
Institution	: Chair of Roentgenology (Chief - Professor A. A. Gorodetskiy) Kiev Institute for Advanced Training of Physicians (Director - Honored Worker of Science Professor I. I. Kal'chenko).	

SUSLOVA, O.Ya., starshiy nauchnyy sotrudnik

Laminar radiographic study of the spine affected with tumorous and inflammatory processes. Vrach.delo no.10:66-70 0 '60. (MIRA 13:11)

1. Kiyevskiy nauchno-issledovatel'skiy rentgeno-radiologicheskiy i onkologicheskiy institut.
(SPINE--DISEASES)
(SPINE--RADIOGRAPHY)

SUSLOVA, O.Ya., kand.med.nauk; YUNDA, I.F., kand.med.nauk

Some data on chordomas of the sacrococcygeal region of the spine.
(MIRA 15:8)
Nov.khir.arkh. no.1:63-66 '62.

1. Kiyevskiy nauchno-issledovatel'skiy rentgeno-radiologicheskiy
i onkologicheskiy institut.
(SACROCOCCYGEAL REGION--TUMORS)

SUSLOVA, O.Ya., starshiy nauchnyy sotrudnik

Role of tomographical X-ray examination in the diagnosis of bone
and joint tuberculosis. Vrach.delo no.11:56-61 N '62. (MIRA 16:2)

1. Kiyevskiy nauchno-issledovatel'skiy rentgeno-radiologicheskiy
i onkologicheskiy institut.
(DIAGNOSIS, RADIOSCOPIC) (BONES--TUBERCULOSIS)
(JOINTS--TUBERCULOSIS)

POKROVSKIY, S.A., prof.,
PETROVA, I.S., sr.
st. nauchn. sotr.,
nauk. red.; ROZEN,
nauchn. sotr.,
red.; YUZENKO, A.I., prof., red.;
nauchn. sotr., red.; PASECHNIK, F.I.,
red.; SUSLOVA, O.Ya., dokt. med.;
EL'D, G.I., dokt. med.

[Problems in the X-ray diagnosis of diseases of the organs
of the abdominal cavity] Voprosy rentgenodiagnostiki za-
bolevanii organov truboustoi po' sti. Kiev: Zdrav'ia,
1965. 178 p.

I. Kyevskiy nauchno-issledovatel'skiy rentgenologiches-
cheskiy i onkologicheskiy institut.

SUSLOVA, P.T., dotsent

Prevention of complications from ulcerogangrenous stomatitis. Zdrav.
Kazakh. 16 no.8:24-27 '56.

(MLRA 10:1)

1. Iz kafedry gospital'noy khirurgii (zav. kafedroy - professor
V.V.Sikayev) Kazakhskogo gosudarstvennogo meditsinskogo instituta
imeni V.M.Molotova.
(STOMATITIS)

SUSLOVA, S.I.

Unusual instance of columnar structure in trap. Izv. AN SSSR. Ser.
geol. 21 no.7:107-110 J. '56. (MIRA 9:10)

1. Laboratoriya geologii dokembriya Akademii nauk SSSR, Leningrad.
(Rocks, Igneous)

SUSIOVA, S.I.; POLEFEROV, P.V.

Migration of ore-forming elements in rocks of nickeliferous intrusions during metamorphism. Geokhimiia no.4:421-432 (MIRA 18:7) Ap '65.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metodiki i tekhniki razvedki (VNTR).

SUSLOVA, S.N.
SUSLOVA, S.N.

Polymetamorphism of crystalline schists in the western Kolvu Upland.
Vest. IGU 12 no.2:60-69 '57.
(M. h. 11:2)
(Keyvy Upland--Schists)

SUSLOVA, S. N., Cand Geol-Min Sci -- (diss) "Crystalline schists of the
Western Keyvy (on Kola Peninsula)." Len ,1958. 21 pp (Len Order of
Lenin State Univ im A. A. Zhdanov), 100 copies (KL, 18-58,96)

-30-

SUSLOVA, S.N.

Chloritoid from crystalline schists in the western Keyvy Upland.
Mat.po min.Kol".poluost. 1:143-148 '59. (MIRA 15:2)
(Keyvy Upland--Chloritoid)

SUSLOVA, S.N.

Contact and metasomatic changes in crystalline schists subjected to
the action of alkaline granites in the western Keyvy Upland. Vop.
geol. i min. Kol'. poluos. no.2:58-93 '60. (MIRA 13:10)
(Keyvy Upland--Schists)

SUSLOVA, S.N.

Paragenetic analysis of crystalline schists in the western
Keyvy Upland. Mat. po min. Kol'. poluost. 2:46-60 '62.
(MIRA 16:4)
(Keyvy Upland—Schists)

MIRSKAYA, D.D.; SUSLOVA, S.N.

Interrelationship of sedimentary and igneous rocks within the
Pechenga series. Vop. geol. i min. Kola poluost. no.4:3-23 '63.

Welded tuffs of the Pechenga series (Kola Peninsula). 49-62
(MIRA 16:10)

SUSLOVA, S.N.

Primary structures in sedimentary rocks of the Pechenga series.
Vop. geol. i min. Kol'. poluos. no.4:75-86 '63. (MIRA 16:10)

ZAGORODNYY, Vladimir Georgiyevich; MIRSKAYA, Diana Dmitriyevna;
SUSLOVA, Svetlana Nikolayevna; TOCHILIN, M.S., doktor
geol.-miner. nauk, otv. red.

[Geology of the Pechenga and volcanic sedimentary series]
Geologicheskoe stroenie Pechengskoi osadochno-vulkanogen-
noi serii. Moskva, Izd-vo "Nauka," 1964. 206 p.
(MIRA 17:6)

BURSHTEYN, E.A.; LYUDKOVSKAYA, R.G.; SUSLOVA, T.B.

Effect of acridine ~~orange~~ and safranine on the kinetics of actomyosin enzyme substrate complex. Biofizika 10 no.2;217-220 '65. (MIRA 18:7)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.

BURSHTEYN, E.A.; VLADIMIROV, Yu.A.; Prinimala uchastiye SUSLOVA, T.B.

Measurement of the absorption and excitation spectra of biological
luminescence in the short-wave and ultraviolet area. Biofizika 9
no.2:184-193 '64.
(MIRA 17:12)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.

ANISHCHENKO, I.A., fel'dsher (Shakty Rostovskoy oblasti); FIALKO, V.Ye.,
fel'dsher (Vulkaneshty Moldavskoy SSR); STARIKOV, L.M., fel'dsher;
SUSLOVA, V.A., akusherka (poselok Stakhanovskiy Kirovskoy oblasti)

Improved method for preserving chlorethyl remnants in bottles used
for penicillin, streptomycin, and insulin. Fel'd. i akush. 25
no. 3:49-50 Mr '60. (MIRA 13:6)
(ETHYL CHLORIDE)

BACERIJA MEDICA Sec 4 Vol. 10/9 Microbiology Sept 57

2081. SUSLOVA V. F. State Inst. for the Control of Vaccines and Sera, Moscow.
* Recognition of toxigenic C. diphtheria in vitro (Russian text) Z. MIKROBIOL. 1956, No. 4 (34-36) Illus. 2

In 1948 Elek and later Outchelrony suggested a method of determining the toxigenic properties of diphtheria strains in vitro. The present work studies the optimal conditions for obtaining the clearest precipitation reaction. One hundred strains were examined (54 laboratory strains and 46 freshly isolated). Simultaneously with the in-vitro determination, the strains were tested in guinea-pigs by the subcutaneous and intracutaneous methods. The in-vitro determination was carried out on Marten's agar with a pH 7.8, and containing 0.25% maltose. The author used both the filter-paper method and the 'ditch' method. The latter, in the author's opinion, is far more convenient because it permits the simultaneous testing in one Petri dish of 3 to 4 strains with 3 to 4 concentrations of antidiphtheria serum. The precipitation reaction was most clearly defined when purified antidiphtheria serum was used and added to the agar in quantities of 500-250 antitoxic units. In these experiments there was complete agreement between the results of the in-vivo and in-vitro determination of toxigenicity of the C. diphtheria strains. The simplicity, sensitivity and economy of the method described makes it possible to recommend its introduction as a routine practice in bacteriological laboratories.

Kaulen - Moscow

SUSLOVA, V.S.

Determination of toxigenic diphtherial bacteria in vitro. Zhur.
mikrobiol. epid. i immun. 27 no.4:34-36 Ap '56. (MLRA 9:7)

1. Iz Gosudarstvennogo kontrol'nogo instituta vaktsin i syvorotok
imeni Tarasevicha.
(CORYNEBACTERIUM DIPHTHERIAE, culture
toxigenic, determ. in vitro)

SUSLOVA, V.S.

Stimulating effect of a culture filtrate of *B. mesentericus* on the growth of *Corynebacterium diphtheriae*. Zhur.mikrobiol.epid. i immun. 27 no.6:40-44 Je '56. (MLRA 9:8)

1. Iz Gosudarstvennogo kontrol'nogo instituta syyorotok i vaktsin imeni L.A.Tarasevicha.

(*CORYNEBACTERIUM DIPHTHERIAE*, culture growth, stimulating eff. of culture filtrate of *Bacillus mesentericus*)

(*BACILLUS mesentericus* culture filtrate, stimulating eff. on growth of *Corynebacterium diphtheriae*)

SUSLOVA, V.S.

Properties of phagolytic strains of *Corynebacterium diphtheriae*
kept in a laboratory; author's abstract. *Zhur.mikrobiol.epid. i*
immun. 28 no.9:107-108 S '57. (MIRA 10:12)

1. Iz Gosudarstvennogo kontrol'nogo instituta imeni Tarasevicha.
(BACTERIOPHAGE,
phagolyzed *Corynebacterium diphtheriae* (Rus))

SUSLOVA, V.S.; MIKHEYEVA, S.Z.

Studies of toxigenic staphylococcal culture on solid media; author's abstract. Zhur.mikrobiol.epid. i immun. 29 no.2:136 F '58.

(MIRA 11:4)

1. Iz Gosudarstvennogo kontrol'nogo instituta syvorotok i vaktsin imeni Tarasevicha.

(MICROCOCCUS PYOGENES, culture, on solid media, toxin-prod. strains (Rus)

SUSLOVA, V.S.

GUDKOVA, Ye.I.; SUSLOVA, V.S.

Preservation capacity of lyophilized Listeria cultures. Zhur.
mikrobiol. epid. i immun. 29 no.3:120 Mr '58. (MIRA 11:4)

1. Iz Instituta ukha, gorla i nosa i Gosudarstvennogo kontrol'nogo
instituta imeni Tarasevicha.
(LISTERIA)

SUSLOVA, V.S.

Method for the determination of urease in Corynebacterium. Lab.
delo 6 no.5 S-0 '60. (MIRA 13:9)

1. Otdel zhivых культур (zav. - prof. Ye.D. Ravich-Birger) Gosudar-
stvennogo kontrol'nogo instituta meditsinskikh biologicheskikh preparatov
im. L.A. Tarasevich (dir. L.S. Ogloblina).
(CORYNEBACTERIUM DIPHTHERIAE) (UREASE)

SUSLOVA, V. S.; PELEVINA, M. V.

Serological properties of diphtheria bacteria. Zhur. mikrobiol.,
epid. i immun. 32 no.8:15-19 Ag '61. (MIRA 15:7)

1. Iz Gosudarstvennogo kontrol'nogo instituta meditsinskikh
biologicheskikh preparatov imeni Tarasevicha.

(CORYNEBACTERIUM DIPHTHERIAE)

KRAVCHENKO, N.A.; SADYKOVA, V.B.; AL'TGAUZEN, V.P.; BEREZKINA, G.N.;
KOSTYUKOVA, N.N.; SUSLOVA, V.S.; BOCHKOVA, V.A.; NEYMARK, F.M.

"Indicator" method for the detection and identification of
diphtheria pathogen cultures, suggested by G.V. Andreeva and
Z.N. Poliakova. Zhur. mikrobiol., epid. i immun. 40 no. 3:
131-132 Mr '63.
(MIRA 17:2)

MUSIOVA, V.S.

On the problem of the serological properties of diphtheria
bacteria. J. hyg. epidem. (Praha) 8 no.2:207-215 '64.

I. Tarasovich Institute of State Control of Medical Biological
Preparations, Moscow.

SUSLOVA, V.S.

Serological typing of diphtheria bacilli isolated on the territory of the Soviet Union. Zhur. mikrobiol., epid. i immun. 41 no.9:13-16 S '64. (MIRA 18:4)

1. Gosudarstvennyy kontrol'nyy institut imeni Tarasevicha.

SUSLOVA, V.S.

Experience in studying the antigenic structure of the diphtheria bacillus. Zhur. mikrobiol., epid. i imun. 42 no. 3:31-34 Mr '65.
(MIRA 18:6)
1. Gosudarstvennyy kontrol'nyy institut meditsinskikh biologicheskikh
preparatov imeni Tarasevicha.

- | | | | |
|--|--|--|--|
| 1. SUSLOVA, YE. | | | |
| 2. USSR (600) | | | |
| 4. Street Railroads | | | |
| 7. Graphic representation of fast-moving street car.
Zhil.-kom. khoz. 12 No. 10, 1952 | | | |
| 9. <u>Monthly Lists of Russian Accessions</u> , Library of Congress, <u>March 1953</u> , Unclassified. | | | |

GERGIYENKO, I.N., prof.; BALKAROV, I.M., vrach; SUSLOVA, Ye.M.

Prospects for the use of Dolinskoye salt in treating chronic gastritis and cholecystitis outside a health resort. Uch. zap. Stavr. gos. med. inst. 12:334-335 '63. (MIRA 17:9)

1. Kafedra gospital'noy terapii (zav. prof. I.N. Sergiyenko)
Stavropol'skogo gosudarstvennogo meditsinskogo instituta.

SUSLOVA, E. V.

Chemical Abstracts
May 25, 1954
Soils and Fertilizers

Composition of organic matter of the forest soils of the foothills of the northern slope of Central Caucasus. B. V. Rubilin and E. V. Suslova. Inst. Agr. Dzaudzhikau. Pochvovedenie 1953, No. 7, 1-9.—Brown forest podzolized soils and gray forest podzolized soils contain the same quantity of total org. matter in the 0-20 cm. or 1 meter depth, even though the brown soils develop in the more humid section of the area. In this respect these soils resemble the forest-steppe podzolized soils of the Russian plain. The gray soils are distinguished from the brown by a more gradual diminution in org. matter content with depth. This reflects their genetic relation with the process of podzolizing chernozem. In the brown soils the bulk of org. matter is assoc. with the clay fraction <0.001 mm.; in the gray soils—with the coarser fractions. In terms of humic and fulvic acids, the brown soils are more like the more podzolized soils of the Russian plain, whereas the gray resemble the steppe soils. More fulvic acid than humic acid is found in the brown soils. In the A₂ horizon of the brown soils the ratio of humic to fulvic acid is more narrow than in the gray soils which have more humic than fulvic in the profile. Ca humates prevail in the gray soils. The brown and gray soils of Central Caucasus have more N than the forest steppe soils. The fulvic acid is richer in N than the humic acid. The C and N content of the 4 fractions of humic acid (Tyurin's method, cf. C.A. 47, 55976), and fulvic acid and ratios of C:N and C in bitumens are given for the soils investigated.

J. S. Toffe

Country Category	:	USSR Soil Science. Biology of Soils.	J
Abs Jour	:	RZhBiol., No 6, 1959, No 24614	
Author Inst Title	:	Suslova, Ye. V. Northern Osetin Agricultural Institute. Organic Substances of Chestnut Soils in the Eastern Pre-Caucasus.	
Orig Pub	:	Tr. Severo-Osetinsk. s.-kh. in-ta, 1956, 17, 55-64	
Abstract	:	Certain physico-chemical properties of the Eastern Pre-Caucasian soils are briefly ex- amined. The nature of free and mobile humic acids in the chestnut soils and Pre-Caucasian chernozems is similar. The free and mobile hu- mic acids in light-chestnut soils are less re- sistant to the coagulating action of CaCl_2 , and their optical denseness is higher than the chestnut soils', thus bearing witness to the	
Card	:	1/2	

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001654010017-6"

Country Category	:	USSR Soil Science. Biology of Soils.	J
Abs Jour	:	RZhBiol., No 6, 1959, No 24614	

Author Inst Title	:		
Orig Pub	:		
Abstract	:	great complexity of the molecules in the free and mobile acids of the described light-chest- nut soils. — S. A. Nikitin	

Card : 2/2

BIRYUKOV, S.; KUR'yAKOV, V.; SUSLOVA, Z.; ALEKSEYEV, A.; PANTELEYEV,
A.; KARAVAYEV, P.; BELOHOGOV, A.

Improve State Bank credit-payment relations with collective
farms. Den.i kred. 18 no.2:55-60 F '60. (MIRA 13:1)

1. Starshiy kreditnyy inspektor Shurminakogo otdeleniya Gosbanka
Kirovskoy oblasti (for Biryukov). 2. Nachal'nik otdela
kreditovaniya kolkhozov Chitinskoy kontory Gosbanka (for
Kur'yakov). 3. Kreditnyy inspektor Kotel'nicheskogo otdeleniya
Gosbanka Korovskoy oblasti (for Suslova). 4. Upravlyayushchiy
Selivanovskim otdeleniyem Gosbanka Vladimirskej oblasti (for
Alekseyev). 5. Starshiy revizor Zapadno-Kazakhstanskoy kontory
Gosbanka (for Panteleyev). 6. Glavnnyy bukhgalter Komi-Peryat-
skoy vobrashchayushchiy kontory Gosbanka (for Karavayev). 7. Upravlyayu-
shchiy Perechinskim otdeleniyem Gosbanka Zakarpatskoy oblasti
(for Belonogov).

(Agricultural credit)

SUSLOVA, Z.F.; KHITROV, P.A., tekhnicheskiy redaktor:

List of stations receiving and distributing containers] Perechon' stantsii, proizvodiashchikh operatsii po priemu i vydache kontejnerov. Moskva, Gos.transp.zhel-dor.izd-vo 1955. 55 p. (MLRA 8:11)

1. Russia (1923- U.S.S.R) Upravleniye konteynernykh perevozok i transportno-ekspeditsionnykh operatsii.
(Railroads--Stations)

MIKHAYLOV, Gennadiy Ivanovich; SUSLOVA, Zinaida Flegontovna; SHAVKIN, G.B.,
inzhener, redaktor; KHITROV, P.N., tekhnicheskij redaktor

[Handbook on the transportation of merchandise in containers] Spra-
vochnik po perevozкам gruzov v konteinerakh. Moskva, Gos. transp.
zhel-dor. izd-vo, 1955. 198 p.
(Packing for shipment)

(MIRA 8:6)

SUSLOVA, Z. F., otv. za vypusk; KANDYKIN, A.Ye., tekhn. red.

[Supplement to the list of stations handling the receiving
and delivery of containers as of July 15th, 1955] Prilozhenie
k perechniu stantsii, proizvodashchikh operatsii po priemu i
vydache konteynerov po sostoianiiu na 15 iiulia 1955 g. Mo-
skva, Transzheldorizdat, 1955. 6 p. (MIRA 16:9)

1. Russia (1923- U.S.S.R.) Upravleniye konteynernykh pere-
vozok i transportno-ekspeditsionnykh operatsiy.
(Railroads--Freight)

SOV/84-60-2-44/59

1(4)

AUTHOR: Suslovarov, V., Foreman, and Malashkin, Ye.,
Instrument Technician, (Vnukovo)

TITLE: A Testing Stand for Flow Gauges

PERIODICAL: Grazhdanskaya aviatsiya, 1960, Nr 2, p 28 (USSR)

ABSTRACT: The authors give a general description of their testing stand for flow gauges and claim that it has advantages over the standard UPR-1 stand. The stand (see accompanying drawing) comprises a framework of welded angular steel covered with 1.2mm sheet steel. One of the two troughs on the desk checks flow gauge pickups for feed accuracy while the other checks their hermetic qualities. The 600x400x200mm fuel tank under the desk is made of 1 1/2 mm steel and has a drain tap and a feed pipe. An electric motor is mounted behind the stand's instrument panel and is connected with the

C Card 1/2

28 (2)

SOV/115-59-10-24/29

AUTHOR: Suslovich, I.I., Head

TITLE: About the Organization and Activities of Testing Laboratories in Plants

PERIODICAL: Izmeritel'naya tekhnika, 1959, Nr 10, pp 58-59 (USSR)

ABSTRACT: The article contains answers to the article by K.N. Katsman entitled "About Some Problems of Organization and Activities of Measuring Laboratories in Plants" which appeared in "Izmeritel'naya tekhnika", 1959, Nr 2. The work of most laboratories is unsatisfactory because they do not comply with the rules issued by the Committee of Measures and Measuring Equipment in 1940. This laxity is caused by a defective organization of laboratories and their subordination. The author does not agree with Katsman, who suggests that all laboratories in a plant would be united into one central measuring laboratory (TsIL). Such a central laboratory would not take part in the development of technologi-

Card 1/2

SOV/115-59-10-24/29

About the Organization and Activities of Testing Laboratories in Plants

cal processes for production of machine units and parts which is the task of the chief technologist. At present the laboratories are supervised by the otdel tekhnicheskogo kontrolya (Technical Control Section). The author is of the opinion that plant laboratories should be placed under the supervision of the chief technologist of the plant. There is 1 Soviet reference.

ASSOCIATION: TsIL, Dnepropetrovsk.

Card 2/2

SMIRNOVA, N.K.; SUSLOVICH, N.I.

Gas and gas condensate fields of the Netherlands. Gaz. delo no.12:
48-51 '63. (MIRA 17;10)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001654010017-6

TSUKERMAN, B.S.; SUSLOVICH, N.L.

Miscellany. Gaz. delo. no.12: 57-58 '63.

(MIRA 17:10)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001654010017-6"

SMIRNOVA, N.K., SUSLOVICH, N.

Gas and gas-condensate fields; Lac pools.
'63.

Gaz. delo no.10:71-72
(MIRA 17:4)

KONSTANTINOVA, N.K.; SUSLOVICH, N.L.

Natural gas in the Sahara. Gaz delo no.2:49-50 '64.
(MIRA 17:6)

1. Tsentral'nyy nauchno-issledovatel'skiy institut tekhniko-
ekonomicheskikh issledovaniy po neftyanoy, nafttekhimicheskoy
i gazovoy promyshlennosti.

KONSTANTINOVA, N.K.; SUSLOVICH, N.L.

Natural gas in Italy. Gaz. delo no.6:43-47 '64. (MIRA 17:8)

1. Tsentral'nyy nauchno-issledovatel'skiy institut tekhniko-ekonomiceskikh issledovaniy po neftyanoy, neftekhimicheskoy i gazovoy promyshlennosti.

KAL'YANOV, T.A., inzhener; BREZHNEV, Ya.I., inzhener; RUDNITSKIY, L.S.,
inzhener; KOTESHOV, N.P., inzhener; YEZERSKIY, B.B., inzhener;
CHERKUN, N.A., inzhener; SUSLOVICH, Z.I., inzhener; ZABELIN, N.K.,
inzhener.

Improving the quality of cast-iron rolls for shape rolling.
Stal' 16 no.7:647-649 J1 '56. (MLRA 9:9)

1. Zavod imeni Dzerzhinskogo, Dnepropetrovskiy chugunoval'-
tsedelatel'nyy zavod i Dnepropetrovskiy metallurgicheskiy
institut.
(Rolls (Iron mills)--Quality control)

KRAUZE, S., prof. dr; PIEKARSKI, L.; SUSLOW, A.

Studies on the affinity of dyes to proteins of animal tissues. Roczn panstw zakl hig 15 no.1:1-3 '64.

1. Laboratory of Food Testing, School of Medicine, Warsaw.

SUSLOWSKA, Wieslawa

Head muscles of carp (*Cyprinus carpio L.*). Nauki matem
przyrod Lodz no.7:95-121 '60.

1. Katedra Zoologii Systematycznej, Uniwersytet, Lodz.

SUSLOVS'KIY, O., redaktor; GORODNICHА, A., tekhnicheskiy redaktor

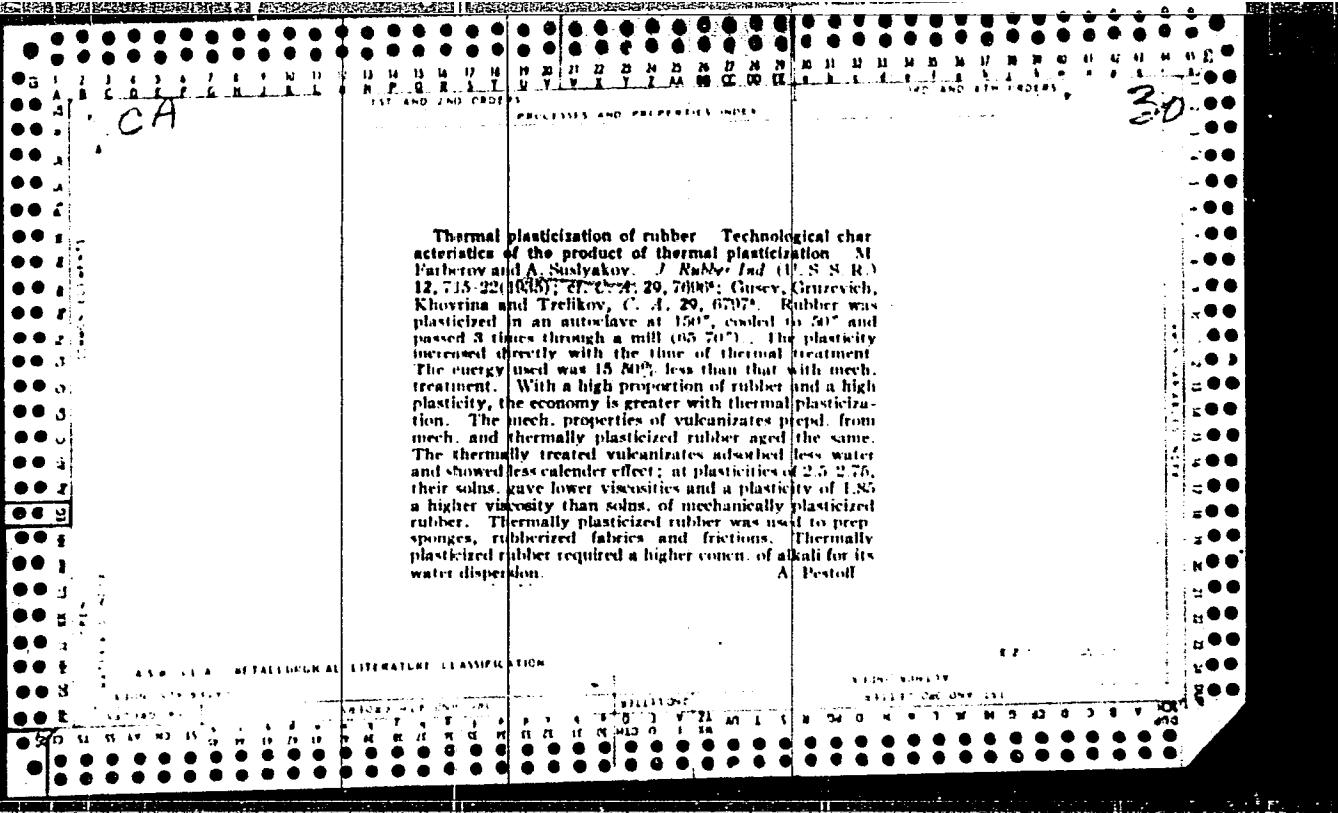
[Industrial resources of western provinces of the Ukraine; a collection of articles] Rezervy promyslovosti zakhidnykh oblastei Ukrayiny; zbirka statei. L'viv, Knizhkovo-zhurnal'noe vyd-vo, 1956. 148 p. (MIRA 10:9)
(Ukraine--Industry)

M.
SUSLOVSKIY, O.[Suslovs'kyi, O.], red.; RUDIK, S.[Rudyk, S.], red.;
BURKATOVSKAYA, TS.[Burkatovs'ka, TS.], tekhn. red.; NEDOVIZ,S.,
tekhn. red.

[The spring of communism] Vesna kommunizmu [al'bom]. L'viv, L'viv-
s'ke kryzhkovo-zhurnal'ne vyd-vo, 1961. 141 p. (MIRA 15:11)
(Lvov Province--Views)

BARANOV, Mikhail; SUSLOVSKIY, O.M. [Suslovs'kyi, O.M.], red.;
NEDOVIZ, S.V., tekhnred.

[Our collective farm's combined production and finance plan]
IEdynyi vyrabnycho-finansovyi plan nashoho kolhospu. L'viv,
Knizhkovozhurnal'ne vyd-vo, 1958. 40 p. (MIRA 13:3)
(Collective farms--Finance)



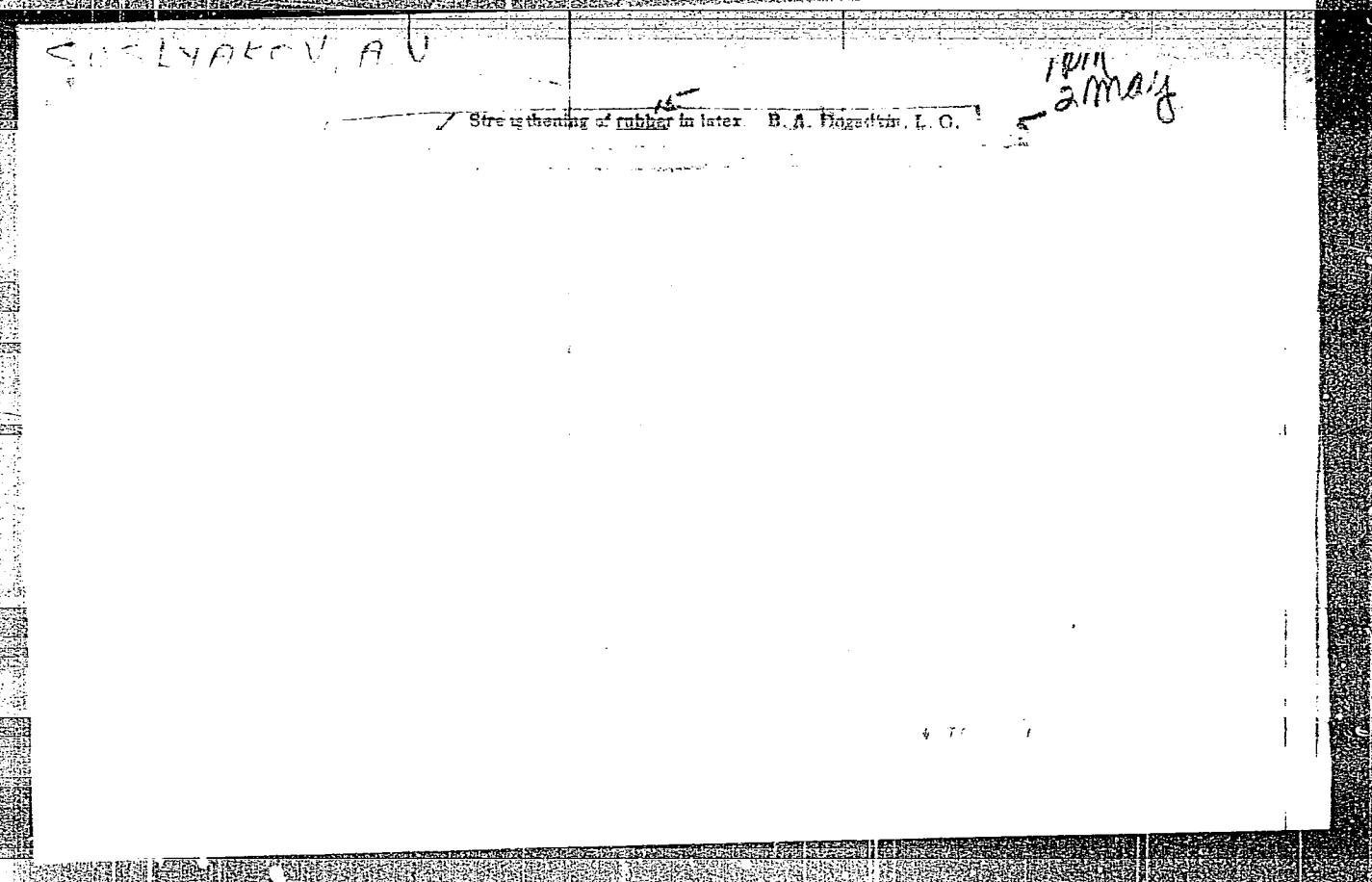
Susluya Rov.

A. V.

15
Rubber mixtures. P. I. Zakharchenko, A. V. Suslyakov,
B. A. Tegadkin, and L. G. Senatorskaya. U.S.S.R. 1027
662, Apr. 30, 1956. A preheated latex is continually fed into
a tube together with an aq. dispersion of the necessary ad-
ditives, such as C black, ZnO, S, and accelerators, and an
electrolyte, and all the ingredients are mixed in a turbulent
manner within the tube. The coagulation can also be car-
ried out in containers equipped with a stirrer. The granular
rubber mix is washed and dried. The plasticizers and resins
added into the compn. can be used as emulsifiers of the
aq. dispersions of the powd. chemicals. M. Hess //

8

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PHASE I BOOK EXPLOITATION

Sov/1054

Akademiya nauk SSSR. Institut nauchnoi informatsii

Khimicheskaya promstolnost' SSSR (The Chemical Industry of the USSR)
Moscow, Gosizdat, 1959. 477 p. Karta-lijip inserted. 4,100 copies
Printed.

Sponsoring Agency: USSR. Gosudarstvennyy nauchno-tehnicheskiy komitet.

Ed.: N. S. Remej Tsch. Ed.: P. V. Bogatkin; Editorial Board: A. P. Vinogradov,
S. L. Vol'fovich, N. M. Zavorotnikov, M. I. Ivashov, V. S. Kiselev, T. A.
Kuznetsova, (Scientific Secretary), G. S. Medvedev, B. D. Melnik, A. M.
Pankratova, A. Ya. Rebenko (Chief Ed.), and A. V. Popovtsev.PURPOSE: This book is intended for the personnel of the chemical industry. It
will be of interest to the general reader interested in the development and
structure of the Soviet chemical industry.CONTENTS: This book contains 16 articles on various aspects of the Soviet
chemical industry. Among the developments in the production of raw materials
for the manufacture of chemical products discussed are: 1) the use of raw
materials synthesized from natural gas and petroleum to replace food products
in the production of synthetic rubber, alcohol, detergents, etc.; 2) the
production of acetone from natural and petroleum gases for the synthesis
of vinyl chloride, acrylonitrile, chloroacetylene, 1,4-butadiene,
and other organic substances, based on methods developed by N. G. Vinogradov,
A.Ye. Pankratova and others; 3) the production of acetone from saturated
hydrocarbons by cracking methods (and its homologs) at 1350° in an electric
arc between two special electrodes in a gas reactor, by pyrolysis (thermol-
oxidation) of methane in an improved furnace designed by R. S. Drabinko by
high-temperature electrolysis of propane and butane in tubular furnaces, or by
other methods of producing acetone for the production of synthetic rubber,
elbow alcohol, and other organic substances; 4) the synthesis of halogen deriv-
atives of aliphatic hydrocarbons for the production of solvents, refriger-
ants, pharmaceutical products, etc., and 5) the production of rubber ac-
cording to a new method based on the conversion of natural rubber in
colloids from nitrogen-containing aliphatic hydrocarbons. The history of
plastic production in the Soviet Union is reviewed, and names, locations,
and products of plants as well as the names of outstanding personalities in
the field are given. The technical level and prospects of further develop-
ment of different branches of the plastic industries are also discussed.Along with methods of manufacturing plastic articles, a special ap-
peal is made to the manufacture of plastic goods which permits
preparation of viscose solution in one operation. It is being
used to replace the complex conventional equipment with great saving in
space. General trends in the technology of synthetic fiber production are
also discussed. A historical review of synthetic rubber production and
the achievements of outstanding Soviet scientists in this field are given as
well as names, locations, and products of synthetic rubber plants. Rubber
products and the manufacture of rubber goods are detailedly reviewed.
Statistical data and outstanding personnel in the development of the
textile, paper, and leather industries, mineral fertilizers, insecticides and
pesticides, sulfuric acid, soda, mineral salts, radioactive and stable
isotopes, and chemical reagents are given. Catalytic processes
are also discussed. Thirty-eight photographs included in the book show outside
and interior views of some Soviet chemical industry plants, as well as
their manufacturing, material-handling and laboratory equipment. Numerous
personalities and facilities are identified in the body of the text.

References and Individual Articles:	
Chernik, M. I. The Plastics and Synthetic Rubber Industry	75
Stoy, G.Ye., and A.A. Kondin. The Chemical Fibers Industry	111
Zabarchenko, P.I. The Synthetic Rubber Industry	137
Savchenko, A.V. The Basin Industry	168
Korolev, A.I. The Aniline Dye Industry	197
Bogatkin, A.G. The Production of Lacquers and Paints	219
Mil'nikov, N.N. Chemical Means of Protecting Plants and Eliminating	234
Ponatov, G.K., and V.S. Cheshchik. Catalytic Processes in the Chemical Industry	249
Zel'dis, E.M., and E.M. Poste. Automation of the Chemical Industries	258

AVAILABLE: Library of Congress

2

S/727/61/000/000/003/009
I031/1242

AUTHORS: Dogadkin, B.A., Senatorskaya, L.G., Suslyakov, A.V.,
Vasilyeva, S.A.

TITLE: Reinforcement of rubber in latex and properties of
filler-leaded latex products

SOURCE: Sintez lateksov i ikh primeneniye. Ed. by A.V. Lebedev,
A.B. Peyzner, and N.A. Fermor. Leningrad, Goskhimizdat,
1961, 108-127

TEXT: A direct introduction of active fillers into a latex was
known to produce a detrimental effect on the strength of the vulca-
nized product. High strength properties may be achieved by:
high dispersion of the fillers introduced into the mixture, by si-
multaneous precipitation of all components in the mixture, or by
direct contact between rubber and filler particles. The authors
succeeded in developing a butadiene-styrene latex CKC-3C (SKS-30)
with the addition of carbon black and colloidan silica. The pro-
perties of the new compound after vulcanization matched those of a

Card 1/2

SUSLYAKOV, I.

Graduates proved themselves. Prof.-tekhn. obr. 18 no.8:5
Ag '61. (MIRA 14:9)

1. Mashinist gornogo kombayna, g. Karaganda.
(Karaganda--Coal miners)

SUSLYAKOV, V.M., inzh.

Hopper trains for mining horizontal workings. Shakht. stroi.
9 no.8:28-30 Ag '65. (MIRA 18:3)

1. Vostochnyy nauchno-issledovatel'skiy gornorudnyy institut.

VOROPAY, A.P.; ASHIN, G.K.; GONCHARUK, S.I.; MAKSIMENKO, I.I.;
SUSLYAEVA, Ye.L.; SHEMANIN, G.M.; SHEMENEV, G.I., kand.
filos.nauk, red.; FATEYEV, P.Ya., retsenzent; VOLKOV,
P.S., retsenzent; PESKOVA, L.N., red.; BOBROVA, Ye.N.,
tekhn. red.

[Communist labor of railroad workers] Kommunisticheskii trud
zheleznodorozhnikov. Moskva, Transzheldorizdat, 1962. 72 p.
(MIRA 15:7)

(Railroads--Employees) (Socialist competition)

SUSMAN, I.G. (Moskva, Ye-37, 2-ya Pryadil'naya ul. 3, korp. 2, kv.35)

Removal of needles from the heart. Vest. Khir. no.7:107-108 J1 '64.
(MIKA 18:4)

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